

LISTING OF CLAIMS

Claim 1 (Cancelled)

Claim 2 (Currently Amended): The liquid crystal display panel according to claim 1 or 4, wherein each said connecting wire includes a low-reflection metal layer.

Claim 3 (Currently Amended) A liquid crystal display panel ~~The liquid crystal panel according to claim 1~~, in which a liquid crystal layer is held between a first substrate and a second substrate having electrodes each, and drive electrode groups for individually driving the electrodes of the first substrate and the electrodes of the second substrate are arranged on one side of, or one and the opposite sides of, the first substrate, comprising:

a seal portion bonding the first and second substrates together;

connecting wires set on a side perpendicular to the side on which drive electrode groups are arranged and connecting the electrodes and the drive electrode groups; and

an image display section located inside the seal portion and an image non-display section located between the image display section and the seal portion, wherein:

said electrodes are formed of indium-tin oxide, and each said connecting wire is a two-layer structure formed of an indium-tin oxide layer and a low-reflection metal layer,

the connecting wires are arranged in the image non-display section and have a thickness greater than that of the electrodes in the image display section,
and ~

spacers having predetermined diameters are arranged in said image display section and non-display section, respectively, such that the distance between the first and second substrates in the image non-display section is substantially equal to the distance between the first and second substrates in the image display section.

Claim 4 (Currently Amended): A liquid crystal display panel ~~The liquid crystal panel according to claim 1,~~ in which a liquid crystal layer is held between a first substrate and a second substrate having electrodes each, and drive electrode groups for individually driving the electrodes of the first substrate and the electrodes of the second substrate are arranged on one side of, or one and the opposite sides of, the first substrate, comprising:

a seal portion bonding the first and second substrates together;

connecting wires set on a side perpendicular to the side on which drive electrode groups are arranged and connecting the electrodes and the drive electrode groups; and

an image display section located inside the seal portion and an image non-display section located between the image display section and the seal portion, wherein:

said electrodes are formed of indium-tin oxide, and each said connecting wire is a two-layer structure formed of an indium-tin oxide layer,

the connecting wires are arranged in the image non-display section and have a thickness greater than that of the electrodes in the image display section, and

spacers having predetermined diameters are arranged in said image display section and non-display section, respectively, such that the distance between the first and second substrates in the image non-display section is substantially equal to the distance between the first and second substrates in the image display section.

Claim 5 (Currently Amended): The liquid crystal display panel according to claim ~~1~~ 3 or 4, which further comprises wherein a color filter layer is arranged in the image display section ~~and spacers arranged between the first and second substrates, and~~ the diameter of the spacers arranged in the image display section ~~being~~ is smaller than that of the spacers arranged in the image non-display section.

Claim 6 (Currently Amended): The liquid crystal display panel according to claim ~~4~~ 3 or 4, which further comprises a color filter layer arranged in the image display section, and wherein the thickness of each said connecting wire is substantially equal to the sum of the thickness of said color filter layer and the thickness of each said electrode.

Claim 7 (Currently Amended): The liquid crystal display panel according to claim ~~4~~ 3 or 4, which further comprises a shielding layer located in the image non-display section.

Claim 8 (Currently Amended): The liquid crystal display panel according to claim ~~7~~ 16, which further comprises a color filter layer thicker than the shielding layer and arranged in the image display section.

Claim 9 (Cancelled)

Claim 10 (Currently Amended): The liquid crystal display panel according to claim ~~7~~ 16, ~~which further comprises a~~ wherein said color filter layer is substantially as thick as ~~the said~~ shielding layer, and ~~arranged in the image display section and spacers arranged between the first and second substrates,~~ the diameter of the spacers arranged in the image display section ~~being~~ is greater than that of the spacers arranged in the image non-display section.

Claim 11 (Currently Amended): The liquid crystal display panel according to claim ~~7~~ 16, ~~which further comprises~~ wherein a reflective layer and a said color filter layer ~~overlapping are~~ arranged to overlap each other ~~one another~~ in the image display section, ~~wherein and~~ said color filter layer is substantially as thick as the shielding layer, and the thickness of each said connecting wire is substantially equal to the sum of the thickness of the reflective layer and the thickness of each said electrode.

Claim 12 (Currently Amended): The liquid crystal display panel according to claim ~~4~~ 16, ~~which further comprises a~~ wherein said color filter layer and a reflective layer ~~overlapping one~~

~~another~~ are arranged to overlap each other in the image display section ~~and a shielding layer arranged in the image non-display section, and wherein said electrodes are formed of indium-tin oxide,~~ each said connecting wire is a two-layer structure formed of an indium-tin oxide layer and a low-reflection metal layer, the thickness of the indium-tin oxide layer constituting the connecting wire is substantially as thick as the indium-tin oxide constituting the electrode, said color filter layer is substantially as thick as the shielding layer, and said low-reflection metal layer is substantially as thick as said reflective layer.

Claim 13 (Currently Amended): The liquid crystal display panel according to claim ~~7~~ 6, wherein said shielding layer is formed of black resin.

Claim 14 (Currently Amended): The liquid crystal display panel according to claim ~~1~~ 3 or 4, wherein said drive electrode groups are mounted directly with an electrode drive IC.

Claim 15 (Currently Amended): The liquid crystal display panel according to claim ~~2, 3, 9 or 12~~ 3, wherein said low-reflection metal layer is a two-layer structure formed of a chromic oxide layer and a chromium layer.

Claim 16 (New): The liquid crystal display panel according to claim 3, which further comprises a color filter layer arranged in the image display section and a shielding layer arranged in the image non-display section.

Claim 17 (New): The liquid crystal display panel according to claim 16, wherein the thickness of the indium-tin oxide layer constituting the connecting wire is substantially as thick as the indium-tin oxide constituting the electrode, and the thickness of said shielding layer is smaller than the thickness of said color filter layer by a margin corresponding to the thickness of the low-reflection metal layer.

Claim 18 (New): The liquid crystal display panel according to claim 4, which further comprises a color filter layer arranged in the image display section and a shielding layer arranged in the image non-display section.

Claim 19 (New): The liquid crystal display panel according to claim 18, wherein the thickness of the indium-tin oxide layer constituting the connecting wire is substantially as thick as the indium-tin oxide constituting the electrode, and the thickness of said shielding layer is smaller than the thickness of said color filter layer by a margin corresponding to the thickness of the low-reflection metal layer.

Claim 20 (New): A liquid crystal display panel, in which a liquid crystal layer is held between a first substrate and a second substrate having electrodes each, and drive electrode groups for individually driving the electrodes of the first substrate and the electrodes of the second substrate are arranged on one side of, or one and the opposite sides of, the first substrate, comprising:

a seal portion bonding the first and second substrates together;

connecting wires set on a side perpendicular to the side on which drive electrode groups are arranged and connecting the electrodes and the drive electrode groups; and

an image display section located inside the seal portion and an image non-display section located between the image display section and the seal portion, wherein:

the connecting wires are arranged in the image non-display section and have a thickness greater than that of the electrodes in the image display section,

a shielding layer is arranged in the image non-display section, and a reflective layer and a color filter layer are arranged to be overlapped with each other in the image display section, said color filter layer being substantially as thick as the shielding layer, and the thickness of each said connecting wire being substantially equal to the sum of the thickness of the reflective layer and the thickness of each said electrode, and

the distance between the first and second substrates in the image non-display section being substantially equal to the distance between the first and second substrates in the image display section.